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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applican	t: FEDERMAN et al.)	
Applicati	on No.:)	Group Art Unit: n/a
Filed:	February 27, 2004)	Examiner: n/a
For: V	ARIABLE SPEED DRIVE FOR MUL	TIPLE I	LOADS
Commiss P.O. Box	p PATENT APPLICATION sioner for Patents 1450 ria, VA 22313-1450		
	INFORMATION DISC	LOSUR	<u>E STATEMENT</u>
SIR:			
T	he following are included with this Info	ormation	Disclosure Statement:
[X]A. I	PTO/SB/08		
[]B.	CERTIFICATION (37 C.F.R. 1.97(c)-before final C	Office Ac	tion or allowance)
[] C .	\$180.00 FEE PAYMENT (37 C.F.R. 1.97(c)-before final C	Office Ac	tion or allowance)
[] D . \$	PAYMENT (37 C.F.R.1.97(d)-before issue fee		
T 37 CFR 1	he following are submitted in the above 1.98:	e-identifi	ed application in compliance with
[] I.	A copy of each listed U.S. Patent [1.98(a)(2)(i)].	t and U.S	8. Patent application publication
[X] II.	A copy of each listed foreign pat application. For each listed foreign application [1.98(a)(2)]:		or published foreign patent t and/or published foreign patent

and/or

the English language version or an English translation if not published in English, if available (see PTO-1449)[1.98(a)(3)];

- [] U.S. counterpart patents or English language equivalents of the foreign patents or published foreign patent applications (see PTO-1449); and/or
- a concise explanation of the relevance of the listed patents, publications or other information (see PTO-1449, foreign search report or other, attached), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].
- A copy of each listed publication, other than published foreign applications. For each listed publication [1.98(a)(2)]:
 - (a) an English translation, if available, when the original publication is not in the English language (see PTO-1449)[1.98(a)(3)];
 - [] a concise explanation of the listed publications (see PTO-1449), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].
- [] IV. For any other listed information, a copy of the information or that portion which caused it to be listed (see PTO-1449)[1.98(a)(2)(iii)].
- [] V. Each listed U.S. Patent, Publication or other information that was previously cited by or submitted to the Office in a prior application, which application is relied upon for an earlier filing date under 35 U.S.C.§ 120 [1.98(d)].
- [X] VI. Copies of each listed U.S. Patent and U.S. Patent application publication are not being submitted herewith pursuant to a waiver of 37 CFR 1.98(a)(2)(i) by the USPTO on July 11, 2003 for applications filed after June 30, 2003.

This information is submitted in the above-identified application in compliance with 37 C.F.R.1.97 because:

- [X] 1. This information disclosure is submitted within three months of the filing date of the application, or before the mailing date of the first office action on the merits of the application [1.97(b)].
- This information disclosure is submitted before the mailing date of a final action in this application under 1.113[1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).
- [] 3. This information disclosure is submitted before the mailing date of a notice of allowance under 1.311 [1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).

- [] 4. This information disclosure is submitted after the mailing date of a final action under 1.113 [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- [] 5. This information disclosure is submitted after the mailing date of a notice of allowance under 1.311, but before the payment of the issue fee [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- [] 6. This information disclosure statement is submitted with the statement required for items 2, 3, 4 or 5 above [1.97(c), (d), (e)]:
- [] I, , hereby state the following:
 - [] Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
 - [] No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this information disclosure was known to any individual designated in 1.56(c) more than three months prior to the filing of this information disclosure statement.
- This information disclosure statement is submitted with the fee of \$180 set forth in 1.17(p) [see items 2 and 3 above]. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059. (Please note, no fee is required for items 2 and 3 above if the Item 6 statement is provided).
- Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059.

Respectfully submitted,

Brian T. Sattizar

Reg. No. 46,401

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

P	Substitute	for form 1449A/PTC				Complete if Known	
					Application Number		
	INFO	RMATION	DIS	CLOSURE	Filing Date	February 27, 2004	
	STAT	TEMENT B	Y A	PPLICANT	First Named Inventor	FEDERMAN et al.	
	_				Art Unit	n/a	
		(use as many she	ets as	necessary)	Examiner Name	n/a	
	Sheet	1	of	3	Attorney Docket Number	20712-0073	

			U.S. PATENT	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY		Passages or Relevant Figures Appear
	Α .	US-6,579,067 B1	06-17-2003	Holden	
	В	US- 6,459,606 B1	10-01-2002	Jadric	
	C	US- 6,459,596 B1	10-01-2002	Corzine	
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	F	US- 6,370,888 B1	04-16-2002	Grabon	
	G	US- 6,325,142 B1	12-04-2001	Bosley et al.	
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	J	US- 6,124,697	09-26-2000	Wilkerson	
	К	US- 6,031,738	02-29-2000	Lipo et al.	
	L	US- 6,018,957	02-01-2000	Katra et al.	
	М	US- 6,008,616	12-28-1999	Nagayama et al.	
	N	US- 5,845,509	12-08-1998	Shaw et al.	
	0	US- 5,528,114	06-18-1996	Tokizaki et al.	
	Р	US- 5,503,248	04-02-1996	Peruggi et al.	
*	Q	US- 5,509,504	04-23-1996	McHugh et al.	
	R	US- 5,492,273	02-20-1996	Shah	
	S	US- 5,446,645	08-29-1995	Shirahama et al.	
	T	US- 5,350,992	09-27-1994	Colter	

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
	U	DE 1004 7629	04-11- 2002	Linde AG		
	V	EP 1 055 885 A2	11-29- 2000	Sharp Kabushiki Kaisha		
	w	EP 1 022 844 A2	07-26- 2000	Matsushita Electric Industrial Co., Ltd.		
	Х	WO 97/18420	05-22- 1997	JDM, Ltd.		
	Y	EP 0 695 024 A2	01-31- 1996	Sharp Kabushiki Kaisha		
	Z	JP 60102878	06-07- 1985	Nihon Denki Seiki KK		
	AA	GB 1579045	11-12- 1980	Electric Power Res Inst.		

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the

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Substitut	e for form 1449A	/PTO		Complete if Known		
		DIO	01 001105	Application Number		
			CLOSURE	Filing Date	February 27, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	FEDERMAN et al.	
				Group Art Unit	n/a	
	(use as many	sheets as	necessary)	Examiner Name	n/a	
Sheet	2	of	3	Attorney Docket Number	20712-0073	

	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	АВ	MURPHY, J.M.D., "Thyristor Control of A.C. Motors", Principles of Variable-Frequency A.C. Drives, October 10, 1975, pgs 3-4, 111-114, & 120-121, Pergamon Press, New York	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket Number

Substitute for form 1449A/PTO Complete if Known Application Number INFORMATION DISCLOSURE February 27, 2004 Filing Date STATEMENT BY APPLICANT FEDERMAN et al. First Named Inventor Art Unit (use as many sheets as necessary) **Examiner Name** n/a

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		•	U.S. PATENT	DOCUMENTS		
Evaminor	Cite	Document Number Publication Date		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
Examiner Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
	AC	US-5,488,279	01-30-1996	Kawamoto et al.		
	AD	US- 5,010,287	04-23-1991	Mukai et al.		
	AE	US- 4,958,118	09-18-1990	Pottebaum		
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant			
Initials* No.1		Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵		
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Examiner Signature	Date Considered	

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